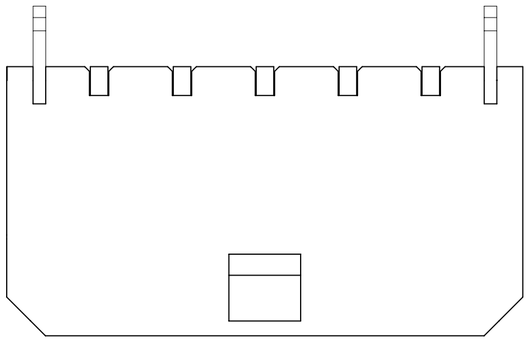
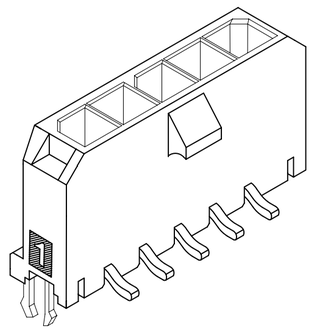
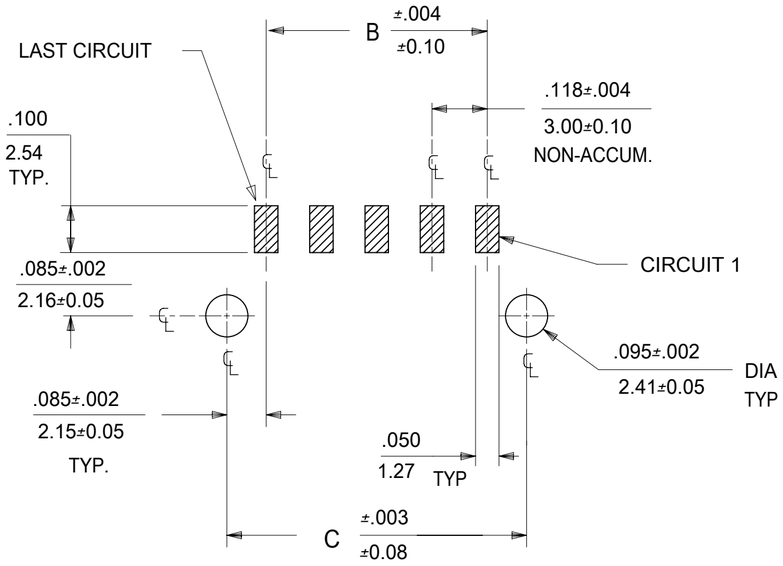
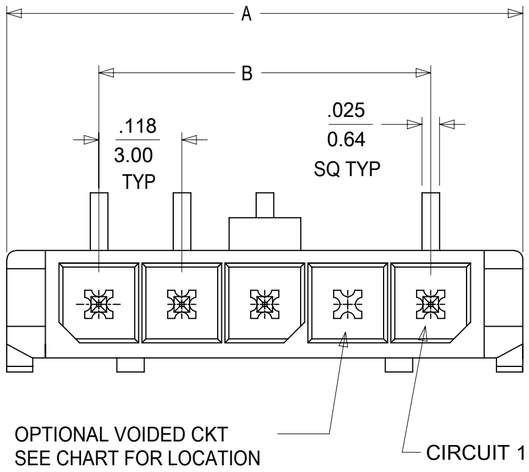
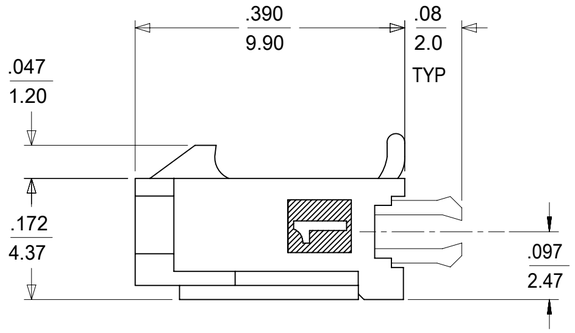


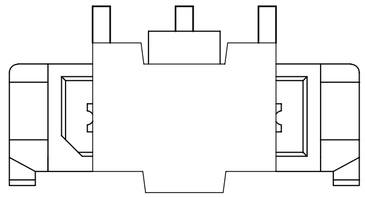




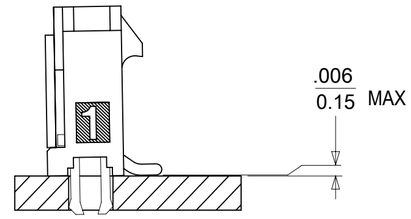
PCB LAYOUT: COMPONENT SIDE
RECOMMENDED PCB THICKNESS: .062/1.57







SHOWN WITH DISPOSABLE CAP
(FOR REMOVAL FROM TAPE & REEL PACKAGING)
SEE NOTE 4



COPLANARITY DETAIL
SEE NOTE 7

CKTS	DIM A	DIM B	DIM C
2	.380 / 9.65	.118 / 3.00	.287 / 7.30
3	.498 / 12.65	.236 / 6.00	.405 / 10.30
4	.616 / 15.65	.354 / 9.00	.524 / 13.30
5	.734 / 18.64	.472 / 12.00	.642 / 16.30
6	.852 / 21.64	.591 / 15.00	.760 / 19.30
7	.970 / 24.64	.709 / 18.00	.878 / 22.30
8	1.088 / 27.64	.827 / 21.00	.996 / 25.30
9	1.206 / 30.63	.945 / 24.00	1.114 / 28.30
10	1.325 / 33.66	1.063 / 27.00	1.232 / 31.30
11	1.443 / 36.65	1.181 / 30.00	1.350 / 34.30
12	1.561 / 39.65	1.299 / 33.00	1.469 / 37.30

NOTES:

1. HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, GLASS FILLED, UL94V-0, COLOR: BLACK
   TERMINAL MATERIAL: BRASS ALLOY
2. FINISH: A = .000060/(0.00152) MIN. REFLOWED MATTE TIN OVER
   .000050/(0.00127) MIN. NICKEL PLATE
   (FINISH IS BRIGHT IN APPEARANCE, THICKNESS AS APPLIED PRIOR TO REFLOW)

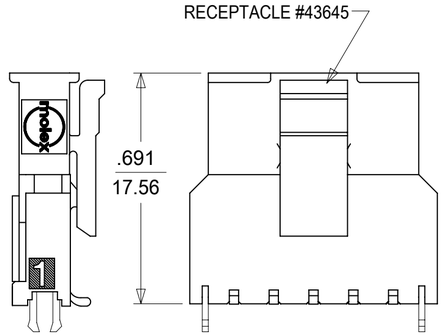
   B = .000015/(0.00038) MIN. SELECT GOLD IN CONTACT AREA
   .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS
   BOTH OVER .000050/(0.00127) NICKEL OVERALL

   C = .000030/(0.00076) MIN. SELECT GOLD IN CONTACT AREA
   .000100/(0.00254) MIN. SELECT MATTE TIN ON SOLDER TAILS
   BOTH OVER .000050/(0.00127) NICKEL OVERALL
3. PRODUCT SPECIFICATION: PS-43650
4. TAPE & REEL PACKAGED (WITH DISPOSABLE CAP) PER MOLEX DRAWING 436500002-PK
5. MATES WITH MICRO FIT (3.0) RECEPTACLE SERIES 43645
6. TO MINIMIZE INSERTION FORCE ON MOUNTING CLIPS DURING ROBOTIC PLACEMENT, HOLE DIAMETER SPECIFICATIONS MUST BE INCREASED MAKING THEM MORE COMPATIBLE WITH PICK AND PLACE EQUIPMENT. HOLE DIAMETERS SHOULD BE INCREASED TO APPROXIMATELY .100±.002/(2.54±0.05) AND EVALUATED PER PLACEMENT EQUIPMENT.
7. THE COPLANARITY DIMENSION IS ESTABLISHED BY PLACING THE ASSEMBLY ON A FLAT SURFACE. THE DISTANCE FROM THAT SURFACE TO THE BOTTOM OF ANY TERMINAL MUST NOT EXCEED .006/0.15
8. PARTS CONFORM TO CLASS 'B' REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002
9. TEXT ON PART IS FOR REFERENCE ONLY. TEXT AND TEXT LOCATION MAY VARY DEPENDING ON PART NUMBER AND/OR TOOL

	FINISH A	
CKTS	MATERIAL NO:	VOID CKT
02	43650-0221	
03	43650-0321	
04	43650-0421	
05	43650-0521	
06	43650-0621	
07	43650-0721	
08	43650-0821	
09	43650-0921	
10	43650-1021	
11	43650-1121	
12	43650-1221	
03	43650-0332	02

FINISH B	
MATERIAL NO:	VOID CKT
43650-0222	
43650-0322	
43650-0422	
43650-0522	
43650-0622	
43650-0722	
43650-0822	
43650-0922	
43650-1022	
43650-1122	
43650-1222	

FINISH C	
MATERIAL NO:	VOID CKT
43650-0223	
43650-0323	
43650-0423	
43650-0523	
43650-0623	
43650-0723	
43650-0823	
43650-0923	
43650-1023	
43650-1123	
43650-1223	



MATED MICRO FIT CONNECTORS

DOCUMENT STATUS	P1	RELEASE DATE	2018/04/27 21:51:22

SYMBOLS: FA = 0; FC = 0; FD = 0; S = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; V = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: IN/MM
SCALE: NTS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	MM	INCH
4 PLACES	±	±
3 PLACES	±	± 0.01
2 PLACES	± 0.25	± 0.014
1 PLACE	± 0.36	±
0 PLACES	±	±
ANGULAR TOL	± 0.5 °	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: UPDATE NOTE 4

EC NO: 172616
DRWN: ANESSER 2018/02/21
CHK'D: SSOUSEK 2018/04/25
APPR: FSMITH 2018/04/27

INITIAL REVISION:
DRWN: SAMIEC 2000/07/07
APPR: EDGLEY 2000/07/07

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 43650

molex

MICRO FIT (3.0) VERTICAL SMT CLIPS
SINGLE ROW / TAPE AND REEL

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-43650-008	PSD	001	F2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE CHART	GENERAL MARKET	1 OF 1

FORMAT: Eng-lega-master-tb-prod-C
REVISION: D
DATE: 2018/01/18

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190990009 0190690033 190730231 397730002 151660057 152670357 417920538 439151216
447641402 447691602 0436400901 0436802002 152660117 447642001 759001161 0190700155
152670251 190670071 430450225 430451220 151670255 152670269 190690096 444280402 459705185
436803002 190990010 398800403 5046940301 760475001